

CLAIMS

1. Measuring method for determining the effective light intensity of a pulsed LED light source, considering the physiology of the receptors of the human eye, wherein
 - a multiple pulse light signal emitted by the LED light source is measured by means of a light-sensitive detector, the light pulses of which signal are spaced from each other by a time interval that is shorter than the time for which the afterglow effect of the receptors of the human eye lasts, and
 - the measured multiple pulse light signal is subjected to integration by means of an evaluating unit,
 - the integration being performed on the basis of the form factor method.
2. The measuring method according to claim 1, characterized in that the light pulses have a mutual time interval that is shorter than 140 ms, preferably shorter than 100 ms and particularly shorter than 50 ms.
3. The measuring method according to claim 1 or 2, characterized in that the duration of the pulses amounts to at least 100 ms, preferably at least 150 ms.